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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/532,084	04/21/2005	Takashi Yasumura	80346(47762) 6480		
	7590 10/15/201 NGELL PALMER & D	EXAMINER			
P.O. BOX 5587		WU, IVES J			
BOSTON, MA 02205			ART UNIT	PAPER NUMBER	
			1797		
			MAIL DATE	DELIVERY MODE	
			10/15/2010	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Supplemental						
Notice	of Allowability					

Application No.	Applicant(s)	
10/532,084	YASUMURA ET AL.	
Examiner	Art Unit	
 IVES WU	1797	

	IVES WU		1797					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included nerewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.								
1. This communication is responsive to <u>7/19/2010</u> .								
2. ☑ The allowed claim(s) is/are <u>1-3,5 and 9-19</u> .								
a.								
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interviev Paper N 7. ☑ Examine	v Summary (No./Mail Date er's Amendm er's Statemer	· ·	wance				

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DETAILED ACTION

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EXAMINER'S AMENDMENT

(1). An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with *Attorney James Armstrong* on *October 12, 2010*.

The application has been amended as follows:

Claim 16 (Previously Presented): A separator for a fuel cell obtained by molding the conductive resin composition according to claim [[4]] 9.

Claim 18 (Previously Presented): A separator for a fuel cell obtained by molding the conductive resin composition according to claim [[6]] 11.

Allowable Subject Matter

(2). Claims 1-3, 5 and 9-19 are allowed.

Reasons for Allowance

(3). The following is an examiner's statement of reasons for allowance:

Instant Application inn in condition of Allowance in view of the current Amendments limiting the component C - a (meth)acrylate to be a reaction product obtained by reacting a **polyether polyol having an aromatic cyclic structural unit and/or an aliphatic cyclic structural unit** with a (meth)acrylic acid in a conductive resin composition such that it overcomes prior arts of the record as per said prior art fail to teach or fairly suggest to use component C as claimed by Applicants.

Closest prior arts of the record – Okumura et al (US 20020055030A1) disclose separator for solid polymer type fuel cell, in that a vinyl ester resin or polyester (meth)acrylate resin is used as component, the polyester (meth)acrylate resin is unsaturated polyester and its oligomer is produced by adjusting the ratio of polybasic acid (in particular, saturated polybasic acid) and

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polyol. Another low-profile Agent includes polyester-series resins such as saturated aromatic polyester series resins, saturated aliphatic polyester resins, copolymerizable saturated polyester series resins having a polyoxylene unit, acrylic resins (e.g., homo- or copolymers having a C₁₋₁₀ alkyl ester of (meth)acrylic acid as a monomer, polyethylene-(meth)acrylic acid copolymer. However, polyether (meth)acrylate ester is unsaturated ester monomer as claimed by Applicants which do not fall into categories of polyester series resin disclosed by Okumura et al (US 20020055030A1). Butler (US 6251308B1) disclose vinyl- ester series resin, but not include the reaction product of polyether (with alicyclic or aromatic structure) polyol and (meth)acrylic acid. Hirai et al (US 20020132118A1) disclose urethane (meth)acrylate obtained by reaction of polyether polyol and (meth)acrylate together with diisocyanate compound.

To the end of this discussion, instant claims 1-3, 5, 9-19 are, therefore allowable and passed to issue as date of this Allowability Notice.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to IVES WU whose telephone number is (571)272-4245. The examiner can normally be reached on 8:00 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on 571-272-1166. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Examiner: Ives Wu Art Unit: 1797

Date: October 12, 2010

/Duane Smith/ Supervisory Patent Examiner, Art Unit 1797